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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/746,778	12/22/2000	Petter Ericson	63916	1420

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EXAMINER

NGUYEN, CHANH DUY

ART UNIT	PAPER NUMBER
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2675

DATE MAILED: 04/07/2004

10

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/746,778

Applicant(s)

ERICSON, PETTER

Examiner

Chanh Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-44 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 5.6.9.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

2. The references listed on the Information Disclosure Statement filed on 18 June 2001, 29 March 2002 and 29 September 2003 have been considered by examiner; see attached PTO-1449.

Specification

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.
4. The abstract of the disclosure is objected to because the abstract is not a single paragraph. Correction is required. See MPEP § 608.01(b).
5. The phrase " according to claims..." (i.e. according to claims 1 and 17, according to claim 18, according to claim 26, according to claim 42, according to claim 43) cited on page 7, lines 15-22 of the specification should be avoided because these claims above may be canceled or changed by amendment. It is in the best interest of the patent community that applicant, in his/her normal review and/or rewriting of the specification, to take into consideration these editorial situations and make changes as necessary.

Claim Objections

6. Claims 4-16, 21-25, 29-41 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claims 3, 20 and 28. See MPEP § 608.01(n). **Accordingly, the claims 4-16, 21-25, 29-41 have not been further treated on the merits.**

Claim Rejections - 35 USC § 112

7. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

8. Claim 43 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 44, the phrase "such as" renders the claim indefinite because it is unclear whether the limitations following the phrase are part of the claimed invention. See MPEP § 2173.05(d).

Claim Rejections - 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

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The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

10. Claims 1-3, 17-20, 26-28 and 42-44 are rejected under 35 U.S.C. 102(e) as being anticipated by Dymetman et al (U.S. Patent No. 6,345,304 B1).

As to claim 42, Dymetman discloses a storage medium (e.g., memory of a central router, see column 7, lines 46-47) for digital information which is readable by a computer system (e.g., central router 802), in which the storage medium (704) contains a computer program which comprises instructions for causing a processor (802) to determine, in response to the receipt of information which contains at least one position on an imaginary surface (704), to which region (706) on the imaginary surface (704) said at least one position belongs, and to determine how the information is to be managed based on the region affiliation (see column 7, line 45 through column 8, line 57 and see column 10, line 57 through column 11, line 29).

As to claim 43, Dymetman discloses a user unit (502) for recording information (see column 7, lines 10-29), which user unit (502) is arranged to record at least two coordinates which together define a position (e.g., markings 208) (see column 6, lines 8-18), characterized in that the user unit (502) is arranged to determine whether the coordinates represent a position in a first or a second area (706) on an imaginary

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surface (704) and to send a message, which comprises said at least two coordinates, to a predetermined external unit (e.g., computer network 610) if the position belongs to the first area (see column 8, lines 38-58).

As to claim 26, Dymetman discloses a method for management of information which is recorded by means of at least one user unit (502), characterized in that the user unit (502) records the information (see column 6, lines 8-18) in such a way that this comprises at least one position (e.g., markings 208), and the user unit (502) sends said information to a central unit (central router 802), and the central unit (802) which contains particulars about a plurality of regions (706)) each of which represents an area on at least one imaginary surface (704), in response to the receipt of the information from the user unit (502), identifies to which region (706) said at least one position belongs and determines how the information is to be managed based on the region affiliation (see column 8, lines 38-58).

As to claim 1, Dymetman discloses a system for information management, which system comprises a central unit (central router 802) and a plurality of user units (e.g., publisher, supplier, end user 502) which are arranged to record and send information to the central unit (802) (see column 8, lines 38-42), characterized in that particulars (e.g., a, adddr0-n, adddm,n) are stored in the central unit (802) about a plurality of regions (706), each of which represents an area on at least one imaginary surface (704), each of the user units (502) is arranged to record information which includes at least one position (markings 208) on the imaginary surface (704) and to

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send the information to the central unit (802), and the central unit (4) is arranged, in response to the receipt of the information from a user unit (502), to identify to which region (706) at least one position belongs and to determine how the information is to be managed based on the region affiliation (see column 8, lines 38-58).

As to claim 17, Dymetman discloses a system for information management, which system comprises a central unit (802) and a plurality of user units (e.g., publisher, supplier, end user 502) which are arranged to record and send information to the central unit (802), characterized in that the system further comprises a plurality of products (108) each of which has a subset (208) of a position-coding pattern, which codes a large number of positions on at least one imaginary surface (704), particulars (e.g., a, adddr0- n, adddm, n) are stored in the central unit (802) about a plurality of regions (706), each of which represents an area on said imaginary surface (802), each of the user units (502) is arranged to record information which comprises at least one position on the imaginary surface (704) by means of the subset (208) of the position-coding pattern on said product (108), and to send the information to the central unit (802), and the central unit (802) is arranged, in response to the receipt of the information from a user unit (502), to identify to which region (706) said at least one position belongs and to determine how the information is to be managed based on the region affiliation (see column 8, lines 38-58).

As to claims 2, 19 and 27, Dymetman teaches each of said regions (706) particular (e.g., a, adddr0 - n, adddm, n) being stored in the central unit (802) about an

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owner of the region (706) (see column 7, line 45 through column 8, line 57 and see column 10, line 57 through column 11, line 29).

As to claims 3, 20 and 28, Dymetman teaches rules for each region (101-105) being stored in the central unit (802) for how the information which is identified as belonging to the region (706) is to be managed (see column 7, line 45 through column 8, line 57 and see column 10, line 57 through column 11, line 29).

As to claim 44, Dymetman teaches a user unit including a hand-held device (502).

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Heile et al (U.S. Patent No. 5,983,277) and Hickman et al (U.S. Patent No. 6,564,252 B1) are cited to teach different data information stored in the partition memory.

Inquiries

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chanh Nguyen whose telephone number is (703) 308-6603.

If attempts to reach the examiner by telephone are unsuccessful, the examiner supervisor, Steven Saras can be reached at 305-9720.

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Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231


or faxed to:

(703) 872-9306

Hand-delivered responses should be brought to Crystal Park II, 2121

Crystal Drive, Arlington, VA, Sixth Floor (Receptionist)

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.


C. Nguyen
April 2, 2004


CHANH NGUYEN
PRIMARY EXAMINER